

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-010713**Date Inspected:** 05-Dec-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	NA	CWI Present:	Yes	No			
Inspected CWI report:	Yes	No	N/A	Rod Oven in Use:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A	Weld Procedures Followed:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A	Verified Joint Fit-up:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A	Approved WPS:	Yes	No	N/A
				Delayed / Cancelled:	Yes	No	N/A
Bridge No:	34-0006	Component:	OBG				

Summary of Items Observed:

On this date Caltrans OSM Quality Assurance (QA) Inspector Larry Viars was present during the times noted above for observations relative to the work being performed.

North of Bay 14-

This QA Inspector performed Magnetic Particle Testing (MT) verification of welds previously tested and accepted by ZPMC as per NDT notification 004796 for OBG Segment 8AE. See MT report TL-6028 generated this date for additional information.

SEG044B-002, 003, 004, 005, 014, 017, 018, 022, 023, 024, 026, 027, 031, 033

SSD15-PP61-164, 165, 166, 168, 162, 163, 152, 153, 144, 145, 107~112, 035~042, 090~094

SSD23-PP61.5-090~096, 127, 128, 139, 140~142, 147, 148, 157, 158

SSD16-PP62-34~41, 136, 137, 190, 191

SSD24-PP62.5-090~095, 127, 128, 135, 136, 147, 148, 133, 164

SSD17-PP63-035-040, 133, 134, 142, 148

This QA Inspector rejected OBG Segment 8AE longitudinal diaphragm stiffener to floor beam welds SEG044B-051, 052 and 054. These welds were rejected for a longitudinal linear indications. ZPMC QC stated that critical weld repair reports would be submitted to Engineering for approval.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract

WELDING INSPECTION REPORT

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documents.

Summary of Conversations:

As identified within the contents of this report.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang, 150 0042 2372, who represents the Office of Structural Materials for your project.

Inspected By:	Viars,Larry	Quality Assurance Inspector
Reviewed By:	Dawson,Paul	QA Reviewer
